

EVANSVILLE HIGH SCHOOL 2012-2013 REGISTRATION GUIDE

Our vision for Evansville High School is to continue to strive to become a truly elite environment of excellence for student learning.



MISSION STATEMENT

It is our mission to ensure all our students are learning – that they are acquiring the knowledge and skills essential to achieving their full potential and becoming productive citizens.

Dear Students and Parents:

We have prepared this Registration Guide to serve as a resource for students and parents registering for the 2012-2013 school year.

The course descriptions provided give a brief review of what is covered in the classes. The descriptions are evaluated each year by all departments to keep them current. If you are interested in obtaining more information about a certain class, you may wish to contact a teacher from that department or a school counselor.

One of the most important responsibilities a student and parent have in regard to the student's high school career is the selection of courses. Preparation for the future is a serious consideration which requires careful assessment. Each year it is necessary to evaluate past educational experiences and come to a decision as to what courses will be most beneficial in the forthcoming year.

The current graduation requirements for Evansville High School, as established by state law and the Board of Education, are included in the information provided by this guide. These are minimum requirements for a high school diploma. Students planning to continue their education in a specialized field after graduation should select courses which will give them a good preparation for their post high school education.

Homeroom teachers, and counselors, Mr. Keister and Mrs. Hansen, are available to work with students in helping plan for their future and in the selection of courses. We welcome the opportunity to assist both students and parents.

Randy Keister, School Counselor

Marissa Hansen, School Counselor

Scott Everson, Principal

Brian Cashore, Associate Principal

TABLE OF CONTENTS

Career Clusters, Pathways, and Suggested High School Courses	4
Graduation Requirements	10
UW System and Other College Entrance Requirements	11
Advanced Placement	11
Early Graduation	11
Course Selections/Changes	12
Grading System	12
Distance Education	12
Youth Apprenticeship	13
Youth Options	13
4-Year Plan Worksheet	14
List of Course Offerings	15
Physical Education/Health	19
English	20
Social Studies	24
Science	26
Mathematics	29
Computer Science	31
Foreign Language	32
Technology Education	33
Agriscience	37
Business Education	40
Family and Consumer Science	44
Art	46
Music	49

CAREER CLUSTERS, PATHWAYS, AND SUGGESTED HIGH SCHOOL COURSES

Career Clusters are groupings of careers that require a set of common knowledge and skills for workplace success. Career Pathways provide information about occupations within the cluster. They connect education to the workforce, provide a seamless transition to college, and focus on the economic development of our state.

Find out which career clusters best fit you. The Career Cluster Interest Quiz ranks which career areas you might find most fulfilling based on activities you enjoy, your personal qualities, and school subjects you like. Go to <http://intranet.matcmadison.edu/career-assess/>.

Underlined Pathways have associated Programs of Study outlined specifically for Evansville High School students. If the underlined career pathway coincides with your career goal, click the "Ctrl" key and the hyperlink to see the suggested four-year plan of high school courses. For more information about Career Clusters, Pathways and Programs of Study, visit www.wicareerpathways.org.



Jobs in this cluster are all about agricultural commodities and services and include horticulture & plant science, animals & animal science, the environment and natural resources. Careers include *food scientist, biotechnologist, greenhouse manager, livestock buyer, geospatial technician, wildlife manager, park ranger, water quality manager, environmental technician, farm manager, USDA Inspector, logger, ecologist, fishery technician, agricultural economist.*

PATHWAYS:

FOOD PRODUCTS AND PROCESSING SYSTEMS
PLANT SYSTEMS
 ANIMAL SYSTEMS
 POWER, STRUCTURAL & TECHNICAL SYSTEMS
 NATURAL RESOURCES SYSTEMS
 ENVIRONMENTAL SERVICE SYSTEMS
 AGRIBUSINESS SYSTEMS

SUGGESTED HIGH SCHOOL COURSES:

- 3 years of math
- Accounting
- Foreign language
- Lab sciences
- Computer applications
- Business education
- Agriculture education
- Technology and engineering education
- Environmental sciences



This area encompasses all the jobs that are involved in the building, maintenance, and operation of businesses and residential properties. Occupations in this cluster include *architect, civil engineer, drafter, electrician, plumber, painter, landscape designer, general contractor, cost estimator, carpenter, explosives worker, roofer, & construction manager.*

PATHWAYS:

DESIGN/PRE-CONSTRUCTION
CONSTRUCTION
 MAINTENANCE/OPERATIONS

SUGGESTED HIGH SCHOOL COURSES:

- 3 years of math
- Computer Applications
- Physical Science
- Architectural drafting
- Technology and Engineering Education
- Foreign language
- Business education



Creative people who love using their talents to entertain and inform others are drawn to jobs in this career cluster. Occupations in this cluster include *journalist, commercial artist, printmaker, photographer, fashion designer, make-up artists, composer/conductor, station manager, radio & TV announcer, telecommunications technician.*

PATHWAYS:

AUDIO AND VIDEO TECHNOLOGY
AND FILM
PRINTING TECHNOLOGY
VISUAL ARTS
PERFORMING ARTS
JOURNALISM AND BROADCASTING
TELECOMMUNICATIONS

SUGGESTED HIGH SCHOOL COURSES:

- Art
- Theater
- Marketing
- 3 years of math
- Communications
- Graphic arts
- Computer applications
- Foreign language



Entrepreneurial people who are highly organized and enjoy working with others often find business to be a suitable career area. Careers in this cluster include *accountant, administrative assistant, human resources manager, budget analyst, meeting or event planner/coordinator, & job analyst.*

PATHWAYS:

GENERAL MANAGEMENT
BUSINESS INFORMATION
MANAGEMENT
HUMAN RESOURCES MANAGEMENT
OPERATIONS MANAGEMENT
ADMINISTRATIVE SUPPORT

SUGGESTED HIGH SCHOOL COURSES:

- 3 years of math
- Computer applications
- Business education
- Marketing
- Communications
- Foreign Language
- Psychology



If you're patient and enjoy helping others, working in the education field can be a rewarding experience. Careers in this cluster include *teacher, principal, superintendent, parent educator, college professor, corporate trainer, teacher aid, special education teacher or aid, & coach.*

PATHWAYS:

ADMINISTRATION AND
ADMINISTRATIVE SUPPORT
PROFESSIONAL SUPPORT SERVICES
TEACHING/TRAINING

SUGGESTED HIGH SCHOOL COURSES:

- 3 years of math
- Statistics
- Computer applications
- Business education
- Communications
- Psychology
- Foreign language
- Family and consumer education
- Service learning



As you might expect, being successful in finance related careers requires strong mathematical ability and a solid attention to detail. Examples of careers in this cluster include *loan officer, stock broker, credit analyst, accountant, financial advisor, insurance adjustor, bank teller, & debt counselor*

PATHWAYS:

SECURITIES AND INVESTMENTS
 BUSINESS FINANCE
 ACCOUNTING
 INSURANCE
 BANKING SERVICES

SUGGESTED HIGH SCHOOL COURSES:

- 3 years of math
- Computer applications
- Business education
- Marketing
- Communications
- Statistics
- Accounting
- Law
- Economics
- Foreign language



Careers in government and public administration are varied, but all offer the satisfaction of knowing you're making a contribution to your community. Jobs include *solidier, legislator, ambassador, economic development coordinator, tax attorney, assessor, city manager, lobbyist, & military intelligence specialist.*

PATHWAYS:

GOVERNANCE
 NATIONAL SECURITY
 FOREIGN SERVICE
 PLANNING
 REVENUE AND TAXATION
 REGULATION
 PUBLIC MANAGEMENT AND
 ADMINISTRATION

SUGGESTED HIGH SCHOOL COURSES:

- 3 years of math
- Law
- Accounting
- Economics
- Psychology
- Communications
- Computer applications
- Service learning
- Social sciences
- Foreign language



Health science careers encompass all aspects of the medical field. Career opportunities in this area include *pharmacist, paramedic, physical therapist, dietician, veterinarian, lab technician, doctor, athletic trainer, & dentist.*

PATHWAYS:

THERAPEUTIC SERVICES
 DIAGNOSTIC SERVICES
 HEALTH INFORMATICS
 SUPPORT SERVICES
 BIOTECHNOLOGY RESEARCH AND
 DEVELOPMENT

SUGGESTED HIGH SCHOOL COURSES:

- 3 years of math
- Communications
- Psychology
- Laboratory sciences
- Medical terminology/First Aid/CPR
- Foreign language
- Computer applications
- Family and consumer education/Health occupations
- Human anatomy



Hospitality and tourism is a rapidly growing industry with a great deal of room for advancement. Careers in this cluster include *chef, lodging manager, travel agent, gaming & casino manager, cruise ship/resort manager.*

PATHWAYS:

RESTAURANTS AND FOOD/BEVERAGE SERVICES
 LODGING
 TRAVEL & TOURISM
 RECREATION, AMUSEMENTS & ATTRACTIONS

SUGGESTED HIGH SCHOOL COURSES:

- 3 years of math
- Accounting
- Marketing
- Communications
- Family and consumer education
- Business education
- Foreign language
- Computer applications
- Food/nutrition



The human services career cluster refers to jobs with the primary purpose of helping families meet basic human needs. Jobs in this cluster include *social worker, psychologist, substance abuse specialist, child care worker, religious leader, funeral director, cosmetologist, marriage counselor, customer service representative, & consumer advocate.*

PATHWAYS:

EARLY CHILDHOOD DEVELOPMENT & SERVICES
 COUNSELING & MENTAL HEALTH SERVICES
 FAMILY & COMMUNITY SERVICES
 PERSONAL CARE SERVICES
 CONSUMER SERVICES

SUGGESTED HIGH SCHOOL COURSES:

- 3 years of math
- Statistics
- Childcare
- Psychology
- Communications
- Child development
- Foreign language
- Computer applications
- Marketing
- Business education
- Service learning
- Family and consumer education
- Law



Jobs in information technology deal with computer hardware, software, and systems integration services. Career opportunities include *web designer, network administrator, programmer, technical support specialist, software designer, data administrator, systems analyst, technical support specialist, webmaster, & digital media animator.*

PATHWAYS:

NETWORK SYSTEMS
 INFORMATION SUPPORT AND SERVICES
 WEB AND DIGITAL COMMUNICATIONS
 PROGRAMMING AND SOFTWARE DEVELOPMENT

SUGGESTED HIGH SCHOOL COURSES:

- 4 years of math
- Computer applications
- Computer science
- Computer graphics
- Technology and engineering education
- Business education
- Communications
- Foreign language
- Webpage design
- Art



Protecting the well-being of the public at large is the goal of occupations in this area. Jobs in this cluster include *attorney, firefighter, police officer, transportation security officer, judge, court reporter, transportation security officer, rescue worker, case manager, forensic specialist, federal marshal, & paralegal.*

PATHWAYS:

CORRECTION SERVICES
EMERGENCY AND FIRE MANAGEMENT SERVICES
SECURITY & PROTECTIVE SERVICES
LAW ENFORCEMENT SERVICES
LEGAL SERVICES

SUGGESTED HIGH SCHOOL COURSES:

- 3 years of math
- Law
- Economics
- Psychology
- Business education
- Computer applications
- Social studies
- Communications
- Foreign language
- Service learning



People who work in manufacturing jobs use their strong mechanical abilities to create many different kinds of products. Careers include *sheet metal worker, millwright, and quality control technician, manufacturing engineer, quality control technician, safety engineer, machine operator, tool & die maker, material mover, & industrial engineer.*

PATHWAYS:

PRODUCTION
MANUFACTURING PRODUCTION PROCESS DEVELOPMENT
MAINTENANCE, INSTALLATION & REPAIR
QUALITY ASSURANCE
LOGISTICS & INVENTORY CONTROL
HEALTH, SAFETY AND ENVIRONMENTAL ASSURANCE

SUGGESTED HIGH SCHOOL COURSES:

- Architectural drafting
- 3 years of math
- Business education
- Agriculture education
- Computer applications
- Technology and engineering education
- Physical science
- Foreign language



These careers allow people to use their creativity and communications skills to meet a variety of business objectives. Careers in this field include *marketing director, customer service representative, sales associate, entrepreneur, sales manager, account executive, on-line market researcher, & product planner.*

PATHWAYS:

MARKETING MANAGEMENT
PROFESSIONAL SALES
MERCHANDISING
MARKETING COMMUNICATIONS
MARKETING RESEARCH

SUGGESTED HIGH SCHOOL COURSES:

- 3 years of math
- Marketing
- Psychology
- Foreign language
- Communications
- Computer applications
- Business education



Careers in this area often involve cutting edge research into new technological developments. Careers include *chemical engineer, oceanographer, biotechnologist, meteorologist, chemist, aerospace engineer, environmental engineer, technical writer, electrical engineer, statistician, cartographer, astronomer, archeologist, marine scientist, nuclear chemist, mathematician, physicist, biologist, & biomedical engineer.*

PATHWAYS:

[ENGINEERING AND TECHNOLOGY](#)
SCIENCE AND MATH

SUGGESTED HIGH SCHOOL COURSES:

- 3 years of math
- Foreign language
- Physical science
- Technology and engineering education
- Drafting
- Computer applications
- Laboratory sciences



Jobs in this cluster involve moving people, materials, and products by road, air, rail, and water. Career opportunities include *truck driver, pilot, flight attendant, air traffic controller, mechanic, & dispatcher, urban planner, civil engineer, traffic technician, motor vehicle inspector, power plant mechanic, & industrial equipment technician.*

PATHWAYS:

TRANSPORTATION OPERATIONS
LOGISTICS PLANNING AND
MANAGEMENT SERVICES
WAREHOUSING AND DISTRIBUTION
CENTER OPERATIONS
FACILITY AND MOBILE EQUIPMENT
MAINTENANCE
TRANSPORTATION
SYSTEMS/INFRASTRUCTURE
PLANNING, MANAGEMENT AND
REGULATION
HEALTH, SAFETY AND
ENVIRONMENTAL MANGAGEMENT
SALES AND SERVICE

SUGGESTED HIGH SCHOOL COURSES:

- Automotive
- 3 years of math
- Physical science
- Technology and engineering education
- Foreign language
- Business education
- Computer applications



People who study the liberal arts are sharpening their critical thinking and organizational skills. Liberal arts degrees are considered excellent preparation for careers in a variety of areas including business, journalism, education, law and the arts.

SUGGESTED HIGH SCHOOL COURSES:

- 4 years of language arts
- 3 years of math
- 3 years of social studies
- 3 years of science
- 2 years of foreign language
- 2 years of fine arts, computer science, other electives



EVANSVILLE HIGH SCHOOL GRADUATION REQUIREMENTS

Students are required to take a minimum of seven credits during the school year but are strongly encouraged to take eight credits. Students are required to be in attendance eight semesters, except as otherwise provided. Students must earn 28 credits for graduation.

Within the total graduation credits, students must complete the following required courses:

Language Arts - 4 credits	1 credit of English 9 or Pre-AP English 9 1 credit of English 10 or Pre-AP English 10 ½ credit Composition (Writing Skills, Practical English, Creative Writing) ½ credit Introduction to Communication ½ credit Literature (American Literature, World/British Literature, Modern Literature, or Advanced Literature Seminar) Senior English (Seminar Composition, English 12 or AP English)
Mathematics - 3 credits	1 credit Algebra I or Algebra I: Concepts & Skills 1 credit Geometry 1 credit Applied Topics in Mathematics or Algebra II
Social Studies-3 ½ credits (3 credits for Class of 2013 ONLY)	1 credit Civics and Society (<i>starts with class of 2014</i>) 1 credit World History 1 credit U.S. History ½ credit Economics ½ credit Social Studies elective (<i>Class of 2013 ONLY</i>) (Anthropology, Human Relations, or Contemporary Issues)
Science – 2 credits	1 credit Biology 1 credit Science elective
½ additional credit in Math, Science, English and/or Social Studies (starts with class of 2014) 1 additional credit in Math, Science, English and/or Social Studies (Class of 2013 ONLY)	
Physical Education – 1 ½ credits	½ credit PE I ½ credit PE II ½ credit PE III
Health – ½ credit	
Business – ½ credit	½ credit Personal Finance (<i>starts with class of 2014</i>)
Senior Graduation Project	(<i>Starts with class of 2015</i>)



UNIVERSITY OF WISCONSIN (UW) SYSTEM AND OTHER COLLEGE/UNIVERSITY ADMISSIONS REQUIREMENTS

Taking the proper high school course work is important. The more rigorous college preparatory courses you complete, the more likely you will succeed in college. The requirements listed below are the minimum expectations for students intending to enroll at a UW System School. It is advisable that students prepare themselves well by completing more than the minimum expectations. Even if you are uncertain about your post-high school plans, the following general program of courses will help keep most avenues open for you. For specific college entrance requirements, check the admissions website(s) of the school(s) you want to attend, or ask your school counselor for more information.

All UW System campuses require a minimum of 17 high school credits:

English	Instruction in Composition, Literature and Speech	4
Social Studies	One credit of United States history, one credit world history, one half credit economics, and one half credit required social studies	3
Mathematics	One credit of Algebra I, one credit of Geometry and one credit of Algebra II or beyond	3
Science	Instruction in biology, chemistry, physics. Other science offerings are often accepted	3
Elective Credits (See specific college admissions information for elective credit requirements)	English, Mathematics, Natural Science, Social Studies, Foreign Language, Computer Science, Fine Arts, and other academic areas. Some campuses may accept some Career and Technical Education classes. A minimum of two credits in a single foreign language is required for admission to UW-Eau Claire and UW-Madison, and may help meet admissions and/or graduation requirements at other colleges/universities.	4



ADVANCED PLACEMENT

Advanced Placement (AP) courses provide an opportunity for high school students to experience college level studies. These courses are appropriate for highly motivated students who wish to delve deeply into a specific subject. In May, students have the opportunity to take AP exams, offered through the College Board. Students who pass exams can receive college credit. Not all AP courses require an exam to get credit. Please see the course descriptions for more information.

The student is responsible for a test fee of approximately \$87 per Advanced Placement exam.



EARLY GRADUATION

Students who wish to graduate in fewer than eight semesters must comply with School Board Policy 354.1. Please contact the Counseling Office prior to the beginning of the student's seventh semester of high school to obtain information. If a student wishes to graduate after six semesters, he/she must contact the Counseling Office one year prior to this time.



COURSE SELECTIONS/CHANGES

Course selection is extremely important and should be considered as much a commitment on the part of the student as it is on the part of the school. Students are urged to consult with homeroom advisors, course instructors, and school counselors before making course selections. After securing the basic information, students should discuss possible choices with their parents before making final decisions. Parents will be asked to sign the final course selection sheet before it is returned to the homeroom advisor. Keeping this information in mind, the school expects the students to honor their commitments and the parents to support the school in providing the requested program. **Only in a few, specific cases will students be able to change classes. In the unusual event that a class addition or class drop is approved, it must be completed by the end of the third day of each term.**



GRADING SYSTEM (BASED ON 1 CREDIT):

A = 4.00 A- = 3.67	B+ = 3.33 B = 3.00 B- = 2.67	C+ = 2.33 C = 2.00 C- = 1.67	D+ = 1.33 D = 1.00 D- = .67
F = .00	E = .67 (Effort)		

We do not use A+ for a grade.
 "P" will earn credit but not GPA points
 "E" will earn credit and GPA points of "D-"
 Rank includes transfer credits. Rank is not weighted. Rank is cumulative.
 Grades are not weighted

Courses have a credit value as follows:
 Three Terms (3 Quarters) = 1.5 credits
 Two Terms (Semester) = 1 credit
 One Term (Quarter) = 1/2 credit
 45 minute class for 1 semester (skinny) = 1/2 credit
 45 minute class for 1 quarter (skinny) = 1/4 credit



DISTANCE EDUCATION

The Four Lakes Distance Education Network provides courses through interactive, voice, video, and data transmissions. The distance learning lab is located in the Evansville High School LMC.

APEX Learning offers a number of online advanced placement course options that are available to high achieving students.

Please contact your school counselor for course availability. Eligibility will be determined individually through an application process.



YOUTH APPRENTICESHIP

The Youth Apprenticeship program is part of a statewide school-to-work initiative designed specifically for high school students that integrates academic and technical instruction with paid, mentored work experience at a local jobsite. Juniors and seniors can choose between a one-year and a two-year program. For each year of involvement, students must take two semesters of related, technical instruction at their home high school or through Blackhawk Technical College. Students must also work 450 hours under the guidance of a skilled mentor.



YOUTH OPTIONS

The Youth Options program allows all public high school juniors and seniors who meet certain requirements to take postsecondary courses at a Wisconsin technical college or institution of higher education. An institution of higher education (IHE) includes UW System institutions, tribally controlled colleges, and private, nonprofit institutions.

The program opens the door to greater learning opportunities for students who are considering a technical career, wishing to begin college early, wanting to prepare to enter the workforce immediately after high school graduation.

The student does not have to pay for a postsecondary course if the school board determines the course may receive high school credit and is not comparable to a course offered in the school district. If approved by the school board, the student will receive both high school and postsecondary credit for a successfully completed course. The high school will grant a diploma to a student who has successfully completed high school graduation standards, regardless of whether the requirements were met at the high school or a postsecondary institution.

To qualify for the program, a student must:

- Have completed the 10th grade. Be in good academic standing and have an acceptable disciplinary record.
- Apply to the postsecondary institution in the school semester prior to the one in which the student plans to attend the postsecondary course.
- Notify the school board (complete for PI-8700A) of the student's intention of enrolling in a postsecondary institution no later than March 1 for a course to be taken in the fall semester; October 1 for a course to be taken in the spring semester.
- Notify the school board if the student is admitted to the postsecondary institution.
- Notify the school board if the student is registered to attend a postsecondary course. A parent or guardian is responsible for satisfactory student attendance and the student's compliance with the compulsory school attendance law under 118.15(1)(a), Wis. Stats.

The school board determines whether a postsecondary course is eligible for high school credit, how much high school credit may be awarded, and whether the course is comparable to a course offered at the school district.

4-YEAR PLAN WORKSHEET

STUDENT INFORMATION																																																																				
Name: Graduation Year: My Career Goal: My Favorite Career Clusters/Pathways:			My Future Plan (Check one): <ul style="list-style-type: none"> <input type="radio"/> Attend a Job Training Program or one year Technical College program <input type="radio"/> Attend a two-year Technical College <input type="radio"/> Attend a four-year College or University <input type="radio"/> Join the Military <input type="radio"/> Enter the workforce with no further education after high school <input type="radio"/> Undecided 																																																																	
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LIST OF COURSE OFFERINGS

#	Course Name	Grades	Credits	Prerequisites
<u>PHYSICAL EDUCATION</u>				
101	Physical Education I	9-10	1/2	
102	Physical Education II	9-10	1/2	
103	Physical Education III	10-11-12	1/2	PE I, PE II
104	Personal Fitness and Health Concepts	11-12	1/2	PE I, PE II, PE III
105	Lifetime Health and Fitness	11-12	1/2	PE I, PE II, PE III
<u>HEALTH</u>				
140	Health	9-10	1/2	
<u>ENGLISH</u>				
<u>Language Arts</u>				
206	Pre-AP English 9	9	1	
207	English 9	9	1	
216	Pre-AP English 10	10	1	Pre-AP English 9, consent of instructor
217	English 10	10	1	Pre-AP English 9 or English 9
<u>Speech</u>				
201	Introduction to Communication	10-11-12	1/2	
202	Communication II	10-11-12	1/2	Intro. to Communication
203	Mass Communication	10-11-12	1/2	
205	Drama Seminar	10-11-12	1/2	
<u>Literature</u>				
208	American Literature	10-11-12	1/2	English 10
209	World/British Literature	10-11-12	1/2	English 10
210	Modern Literature	10-11-12	1/2	English 10
213	Advanced Literature Seminar	11-12	1/2	English 10
<u>Composition</u>				
218	Writing Skills	11-12	1/2	English 10
219	Practical English	11-12	1/2	English 10
220	Creative Writing	11-12	1/2	English 10
<u>Senior English</u>				
222	English 12	12	1/2	
223	Seminar Composition	12	1	Writing Skills
224	AP English	11-12	1/2	World/British Literature and/or Advanced Literature Seminar, or consent of the instructor
<u>SOCIAL STUDIES</u>				
300	Civics and Society	9	1	Required for graduation beginning with class of 2014
303	World History	10	1	
301	U.S. History	11	1	
310	Human Relations	11-12	1/2	
311	Contemporary Issues	11-12	1/2	
313	Anthropology	11-12	1/2	
315	Economics	11-12	1/2	
317	World Cultural History	11-12	1/2	
319	AP U.S. History	11-12	1	

<u>SCIENCE</u>				
401	Physical Science	9	1	
402	Biology	10	1	Physical Science or Physics
405	Earth Science	10-11-12	1	Physical Science, Biology, and Algebra I
409	Conceptual Physics	9-10-11-12	1	Physical Science and Algebra I
408	Chemistry	10-11-12	1	Algebra II and Conceptual Physics
411	AP Chemistry	11-12	1-1/2	Chemistry and Algebra II
412	Honors Physics	11-12	1	Pre-Calculus/Trigonometry and Conceptual Physics
414	Advanced Biology	10-11-12	1	Chemistry
415	Anatomy & Physiology	11-12	1	Biology and Chemistry
416	AP Environmental Science	10-11-12	1	Physical Science, Biology, and Algebra I
<u>MATHEMATICS</u>				
501	Algebra I: Concepts & Skills	9	2	Students will be placed in the appropriate Algebra course by their current math teacher
502	Algebra I	9	1	Students will be placed in the appropriate Algebra course by their current math teacher
504	Geometry	9-10	1	Algebra I
516	Applied Topics in Mathematics	11-12	1	Algebra I, Geometry
505	Algebra II	9-10-11-12	1	Algebra I, Geometry
506	Discrete/Probability/Statistics	10-11-12	1	Algebra I, Geometry, and Applied Topics in Math OR Algebra II
507	Pre-Calculus/Trigonometry	10-11-12	1	Algebra I, Geometry, and Algebra II
508	Advanced Placement Calculus	11-12	1 1/2	Algebra I, Geometry, Algebra II, and Pre-Calculus/Trigonometry
<u>COMPUTER SCIENCE</u>				
553	Computer Programming I – Pascal	9-10-11-12	1	Algebra I
555	Computer Programming II - C++	10-11-12	1/2	Computer Programming I
<u>FOREIGN LANGUAGE</u>				
651	Spanish I	9-10-11-12	1	
652	Spanish II	9-10-11-12	1	Spanish I
653	Spanish III	10-11-12	1	Spanish II
654	Spanish IV	11-12	1	Spanish III
655	Spanish V	11-12	1	Spanish IV
<u>TECHNOLOGY EDUCATION</u>				
<u>Drafting-Graphic Communication</u>				
701	Technology Design & Application	9-10-11-12	1	
703	Architectural Drafting-Structural Design	10-11-12	1/2	Technology Design & Application
704	Architectural Drafting-Residential Design	11-12	1/2	Architectural Drafting-Structural Design
705	Engineering-Drawing & Design (3D Modeling)	11-12	1/2	Architectural Drafting-Structural Design

	<u>Metals and Manufacturing</u>			
706	Principles of Welding	9-10-11-12	1/2	Technology Design & Application
707	Techniques of Welding	10-11-12	1/2	Principles of Welding
714	Metal Fabrication	10-11-12	1/2	Technology Design & Application
	<u>Energy and Transportation</u>			
712	Internal Combustion Engines	9-10-11-12	1/2	Technology Design & Application
713	Power Mechanics	10-11-12	1	Internal Combustion Engines
	<u>Construction Trades</u>			
717	Machines-Lumbers & Processes	9-10-11-12	1/2	Technology Design & Application
718	Carpentry	10-11-12	1/2	Machines-Lumbers & Processes
720	Building Construction Trades	11-12	1-2	Architectural Drafting-Structural Design, Machines-Lumbers & Processes
725	Principles of Technology	10-11-12	1	Technology Design & Application
	<u>AGRICULTURE</u>			
751	Exploring Agriscience	9-10-11	1/2	
752	Greenhouse & Plant Science I	10-11-12	1/2	
770	Greenhouse & Plant Science II	11-12	1/2	Greenhouse & Plant Science I
771	Introduction to Veterinary/Animal Science	9-10-11	1/2	
753	Small Animal & Horse Science	10-11-12	1/2	Introduction to Veterinary/Animal Science
755	Large Animal Science	10-11-12	1/2	Introduction to Veterinary/Animal Science
756	Wildlife, Fish & Natural Resources I	9-10-11	1/2	
772	Wildlife, Fish & Natural Resources II	10-11-12	1/2	Wildlife, Fish & Natural Resources I
759	Landscape & Floral Design I	10-11-12	1/2	
773	Landscape & Floral Design II	11-12	1/2	Landscape and Floral Design I
761	Leadership Training	11-12	1/2	Consent of instructor
811	Career & Technical Education Work Experience	12	2-3	2 Agriscience courses, minimum GPA of 2.5
	<u>BUSINESS EDUCATION</u>			
801	Keyboarding I	9-10-11-12	1/2	
802	Web 2.0	9-10-11-12	1/2	
805	Marketing	10-11-12	1	
807	Personal Finance	10-11-12	1/2	Required for graduation beginning with class of 2014
808	Accounting I	10-11-12	1	
809	AP Accounting II	10-11-12	1	Accounting I
814	Business Law	11-12	1/2	English 10
815	Business Principles	9-10-11	1/2	
817	International Business	10-11-12	1/2	
811	Career & Technical Education Work Experience	12	2-3	GPA of 2.5 Subject specific prerequisites
560	Technology Internship	10-11-12	1/2	Consent of instructor

FAMILY and CONSUMER

SCIENCE

855	Foods I	9-10-11-12	1/2	
856	Foods II	10-11-12	1/2	Foods I or Senior Standing
858	Child Development	10-11-12	1/2	
859	Family Living	11-12	1/2	
861	Child Development II	11-12	1/2	Child Development
866	Introduction to Health Occupations	10-11-12	1/2	

ART

901	Basic Design	9-10-11-12	1/2	
902	Drawing & Painting I	9-10-11-12	1/2	Basic Design
904	Drawing & Painting II	10-11-12	1/2	Drawing & Painting I
905	Drawing & Painting III	10-11-12	1/2	Drawing & Painting II
906	Sculpture I	9-10-11-12	1/2	Basic Design
907	Ceramics I	9-10-11-12	1/2	Basic Design
908	Sculpture II or Ceramics II	9-10-11-12	1/2	Sculpture I or Ceramics I
911	Jewelry & Metalwork I	10-11-12	1/2	Basic Design
912	Jewelry & Metalwork II	10-11-12	1/2	Jewelry & Metalwork I
914	Crafts & Glass	9-10-11-12	1/2	Basic Design
915	Photography	10-11-12	1/2	Basic Design
924	Computer Graphics I	10-11-12	1/2	Basic Design
925	Stage Design	9-10-11-12	1/2	Basic Design, Drama Seminar or theater experience as approved by instructor
926	Computer Graphics II	10-11-12	1/2	Computer Graphics I
930	Digital Publication- Yearbook Design and Production	9-10-11-12	1-all year Skinny	

MUSIC

963	Chamber Choir	9-10-11-12	1	
964	Concert Choir	9-10-11-12	1	Audition
965	Treble Choir	9-10-11-12	1	Audition
971	Symphonic Band	9-10-11-12	1	Middle School Band
972	Wind Ensemble	9-10-11-12	1	Audition
973	Music Theory I	11-12	1/2	Consent of instructor
974	Music Theory II	11-12	1/2	Music Theory I and consent of instructor

PHYSICAL EDUCATION / HEALTH

Physical Education I				
Course #	Prerequisite	Credit	Grade Level	Course Length
101	None	½ credit	9-10	1 term
Physical Education I provides students with knowledge, experience, and an opportunity to develop skills in a variety of activities. Units range from health-related physical fitness and body development to team sports and games. Football, softball, volleyball, speedball, soccer, basketball, team handball, badminton, and floor hockey are team sports that may be taught, depending upon the season this class is taken. Introduction to the weight room, weight training, and fitness testing are also offered.				

Physical Education II				
Course #	Prerequisite	Credit	Grade Level	Course Length
102	None	½ credit	9-10	1 term
Physical Education II has an emphasis on personal health and fitness. It provides students with units in health-related physical fitness and body development including weight training, muscle identification, circuit training, and aerobics. Students will keep a personal log of weight room and cardio activities performed on a daily basis, as well as completion and implementation of a personal fitness assessment that will include use of heart rate monitors and pedometers. A variety of team activities and games will be incorporated into the cardio activities.				

Physical Education III				
Course #	Prerequisite	Credit	Grade Level	Course Length
103	PE I and PE II	½ credit	10-11-12	1 term
Physical Education III has an emphasis placed on lifetime recreational activities and sports (individual and team), and fitness. Units of study include fitness testing, weight training, cardio activities, aerobics, golf, bowling, (depending upon the season it is taken, field trips to the golf course and bowling alley) archery, badminton, pickle ball, table tennis, ultimate Frisbee, skating, social dance, square dance, and line dance. Students will complete a personal fitness program, including a portfolio.				

Personal Fitness and Health Concepts				
Course #	Prerequisite	Credit	Grade Level	Course Length
104	PE I, PE II, PE III	½ credit	11-12	1 term
Personal Fitness and Health Concepts provides students with the opportunity to develop knowledge and skills in free weights while emphasizing safety, principles of training and proper body positioning. It will include other components such as nutrition, anatomy and the components of fitness such as speed, agility, flexibility, balance, and cardiovascular endurance. Consumer issues and selection of programs and facilities for a lifetime of fitness will be included, as well as field trips to a variety of health related facilities to compare and contrast programs. Students will complete a personal fitness program, including portfolio.				

Lifetime Health and Fitness				
Course #	Prerequisite	Credit	Grade Level	Course Length
105	PE I, PE II, PE III	½ credit	11-12	1 term
Lifetime Health and Fitness will focus on activities that adults will enjoy during their lifetime to maintain fitness. Activities may include, but not limited to, aerobics and dance, weight training, recreational league games, golf, bowling, yard games, hiking, skating, snow-shoeing, fly-fishing, canoeing, and orienteering. A variety of team and individual games will also be offered depending upon the season the class is taken.				

Health				
Course #	Prerequisite	Credit	Grade Level	Course Length
140	None	½ credit	9-10	1 term
This required health course has a sequential curriculum for teaching students the information and skills they need to maintain and improve health, prevent disease, and reduce health-related risk behaviors. Units of study include human growth and development, mental and emotional health, family and social health, consumer and community health, and communicable and chronic diseases.				

ENGLISH

Pre AP English 9				
Course #	Prerequisite	Credit	Grade Level	Course Length
206	None	1 credit	9	2 terms
This class is designed for students highly proficient in language arts, both reading and writing, who want to prepare for the college entrance exams and Advanced Placement programs. Material will include the basics from English 9, plus supplementary works and emphasis on vocabulary enhancement. <i>Note: Summer assignments are required.</i>				

English 9				
Course #	Prerequisite	Credit	Grade Level	Course Length
207	None	1 credit	9	2 terms
This is a required course and a prerequisite for other language arts classes. Meet unforgettable characters. Travel to unusual settings. Explore the world of ideas. Discover literacy classics by master authors. Appreciate the beauty of the English language.				

Pre AP English 10				
Course #	Prerequisite	Credit	Grade Level	Course Length
216	Pre-AP English 9, consent of instructor	1 credit	10	2 terms
This class is designed for students highly proficient in language arts, both reading and writing, who want to prepare for college and the possibility of taking the English Advanced Placement test. The focus will be on literary analysis, vocabulary development, spelling and editing skills. <i>Note: Summer assignments are required.</i>				

English 10				
Course #	Prerequisite	Credit	Grade Level	Course Length
217	Pre-AP English 9 or English 9	1 credit	10	2 terms
English 10 is a required course and a prerequisite to other language arts classes. This course will concentrate on various types of reading, writing, and research. Units include skills review, literature, analysis, mystery and suspense, and career exploration.				

Introduction to Communication				
Course #	Prerequisite	Credit	Grade Level	Course Length
201	None	½ credit	10-11-12	1 term
This course is an introduction to communication. The study of interpersonal communication as a dynamic process and its affects on our daily lives will be the focus of this course. Emphasis will also be placed on writing and presenting speeches.				

Communication II				
Course #	Prerequisite	Credit	Grade Level	Course Length
202	Intro. to Communication	½ credit	10-11-12	1 term
If you liked Introduction to Communication, you will enjoy this course. Emphasis will be on continuing to develop communication skills. Areas of study include: small group communication; broadcasting and interpretation; negotiations and conflict resolution. This is an activity and performance based course.				

Mass Communication				
Course #	Prerequisite	Credit	Grade Level	Course Length
203	None	½ credit	10-11-12	1 term
This is a hands-on course that will have an impact for life! Learn how the media package the news, how advertisers "sell" products to the public, and how directors make movies great. Examine the impact of the media on you and society in general. Produce your own advertising campaigns and explore what the future of the media could be.				

Drama Seminar				
Course #	Prerequisite	Credit	Grade Level	Course Length
205	None	½ credit	10-11-12	1 term
Interested in learning how to operate the lights or run the sound board? Maybe you are more intrigued by doing gory make-up or fashion design. Drama Seminar will allow you to explore the world of theatre. The course covers the areas of costuming, set design, characterization, lighting design, sound design, and make-up. This fun class provides a hands-on opportunity to learn how plays are produced.				

American Literature				
Course #	Prerequisite	Credit	Grade Level	Course Length
208	English 10	½ credit	10-11-12	1 term
What have American authors thought and expressed through literature about our country? Read their short stories, plays, poems, and novels. Share their vision and develop your own insights into the American scene.				

World/British Literature				
Course #	Prerequisite	Credit	Grade Level	Course Length
209	English 10	½ credit	10-11-12	1 term
World/British Literature involves the study of literature from around the world with a heavy emphasis on English literature. Students will be encouraged to react emotionally and intellectually to various novels, plays, poems, and essays. Formal essays and papers will be required. This course is designed to help students prepare for college and possibly the AP exam.				

Modern Literature				
Course #	Prerequisite	Credit	Grade Level	Course Length
210	English 10	½ credit	10-11-12	1 term
This course involves reading many novels written by contemporary authors. Discussing the topics suggested and participating in various activities related to the books form the content of this course. This course is not designed as a college preparatory class.				

Advanced Literature Seminar				
Course #	Prerequisite	Credit	Grade Level	Course Length
213	English 10	½ credit	11-12	1 term
This is a true seminar forum. Challenging books form the basis for discussion of the techniques of literature and the ideas they convey. Students will enhance their ability to write essay exams, an excellent preparation for post-secondary work. The course should be taken by those planning to pursue Advanced Placement.				

Writing Skills				
Course #	Prerequisite	Credit	Grade Level	Course Length
218	English 10	½ credit	11-12	1 term
This course concentrates on developing the student's skills in research and expository writing. An MLA research paper is required. Weekly activities focus on vocabulary growth. The course is designed for students who earned A's and B's in English 9 and 10 and who plan to continue their education after high school.				

Practical English				
Course #	Prerequisite	Credit	Grade Level	Course Length
219	English 10	½ credit	11-12	1 term
This class is designed for students who plan to enter the workforce directly after high school. Students will incorporate reading, writing, critical thinking, public speaking, and using technology in real life applications.				

Creative Writing				
Course #	Prerequisite	Credit	Grade Level	Course Length
220	English 10	½ credit	11-12	1 term
This class allows students to get in touch with their creative side in a non-critical environment. Students will be encouraged to "think like writers", expressing their individual creativity and self-discipline. Topics include brainstorming, vocabulary enhancement, story starters and plot development techniques. Short stories will be the main focus with options for those who wish to write poetry also.				

English 12				
Course #	Prerequisite	Credit	Grade Level	Course Length
222	None	½ credit	12	1 term
The emphasis here is on reading and writing for pleasure and personal enrichment after high school. A variety of novels and short stories will be assigned for reading discussion and written work. Weekly activities in spelling and vocabulary and journal writing will be included.				

Seminar Composition				
Course #	Prerequisite	Credit	Grade Level	Course Length
223	Writing Skills	1 credit	12	2 terms
Reading and discussing selected literature, improving expository writing skills, and preparing an APA seminar paper are the major elements of this course. College-bound students are encouraged to take this class.				

AP English				
Course #	Prerequisite	Credit	Grade Level	Course Length
224	World/British Literature and/or Advanced Literature Seminar, or consent of instructor	½ credit	11-12	1 term
Test taking strategies, use of terms, essay writing, and practice tests will be utilized in preparation for the AP test in May. In addition to reviewing previous readings, students will carefully examine one or two major works.				

SOCIAL STUDIES

Civics and Society				
Course #	Prerequisite	Credit	Grade Level	Course Length
300	None	1 credit	9	2 terms
The student will examine the origins of the American governmental system, its principles, and the way it operates. The structure and function of the legislative, executive, and judicial branches of government will be analyzed. Fundamentals of the Constitution will be woven into the structure of the course. State and local governments will be studied. Students will also participate in a program called <i>Project Citizen</i> . In this program, students will work on a public policy issue at the local, state, or federal level of government. Participation in this program will enhance student understanding of how communities can work together to solve issues affecting all citizens.				

World History				
Course #	Prerequisite	Credit	Grade Level	Course Length
303	None	1 credit	10	2 terms
This will be a survey course covering World History from the Age of Revolution to the present. Social economic, and political aspects of world history will lead to understanding of events that shaped the modern world.				

U.S. History				
Course #	Prerequisite	Credit	Grade Level	Course Length
301	None	1 credit	11	2 terms
This is a survey course covering Reconstruction through the 20 th Century. Units of study will include: The Civil War and Reconstruction, Westward Expansion, Industrialization and Immigration, World War I, The Great Depression, World War II, The Cold War, The Civil Rights Movement, and 1980 to the present.				

Human Relations				
Course #	Prerequisite	Credit	Grade Level	Course Length
310	None	½ credit	11-12	1 term
The study of psychology focuses on human interactions and relationships. Students will examine such topics as: The life cycle from birth to death. What is sanity or insanity? What can be considered "normal" or "abnormal"? The student will leave the course with an increased awareness of what motivates individuals, groups, and societies. The student will understand the factors, events, and circumstances that help to shape his/her personality and life.				

Contemporary Issues				
Course #	Prerequisite	Credit	Grade Level	Course Length
311	None	½ credit	11-12	1 term
This is a survey course covering issues pertinent to America and the world. Units may include: hunger/ poverty, population, hate, family, terrorism, aging and death/dying. Students will be asked to take sides on current topics and engage in a debate style discussion utilizing research and critical analysis. Students will also create products with emphasis on the development of critical thinking skills and self-directed learning.				

Anthropology				
Course #	Prerequisite	Credit	Grade Level	Course Length
313	None	½ credit	11-12	1 term
Anthropology is the study of humankind and our cultures. In this course you will examine the integration of physical and cultural anthropology, in order to see how our biology is connected to our behaviors. Human evolution, archaeology, ethnology, linguistics and sex are just a few of the topics that we will discuss. This course requires heavy reading and writing as well as a major research project.				

Economics				
Course #	Prerequisite	Credit	Grade Level	Course Length
315	None	½ credit	11-12	1 term
This course will provide students with an overview of the American Free Enterprise system. Units will cover economic principles, money, supply and demand, business activities, unions and much more. The microeconomic and macroeconomic perspectives will be thoroughly analyzed.				

World Cultural History				
Course #	Prerequisite	Credit	Grade Level	Course Length
317	None	½ credit	11-12	1 term
This course is the study of civilizations and societies and how they have developed over time. This course will examine the cultures and study them through exploration, trade, warfare, conquest, migration, and methods of communication. Students will be able to earn the different behaviors and exchange of ideas over time and how this has led to the creation of world cultures. Cultures to be studied: Africa, Egypt, Southeast Asia, India, Australia and New Zealand, Oceania, China, Japan, and Mexico. This course is intended for college bound students.				

AP U.S. History				
Course #	Prerequisite	Credit	Grade Level	Course Length
319	None	1 credit	11-12	2 terms
<p>United States History is a comprehensive study of the development of American History from the discovery of America to the present. This course will be taught similar to an introductory college course. A college level text book will be used and students will be expected to perform at an advanced level. Upon completion of the course a student may elect to take the AP History exam in May which may result in college credit.</p>				

SCIENCE

Physical Science				
Course #	Prerequisite	Credit	Grade Level	Course Length
401	None	1 credit	9	2 terms
<p>This course is designed to cover fundamental concepts related to chemistry and physics. The first term will focus on motion and energy, wave properties, electricity and magnetism, and astronomy. The second term will explore atomic structure, chemical reactions, and nuclear reactions. This course is essential in building a strong science background that will lead to future success in subsequent science courses, and it is, therefore, a prerequisite for all subsequent science classes.</p>				

Biology				
Course #	Prerequisite	Credit	Grade Level	Course Length
402	Physical Science or Physics	1 credit	10	2 terms
<p>This course will provide you with an understanding of the basic life processes through class readings, discussions, activities and laboratory work. The units covered during the first term include the nature of science (matter, energy, and chemical processes of life), cell structure and function, and inheritance/genetics. The units covered during the second term include microorganisms, invertebrates, vertebrates, plants, and a survey of human biology. (Term 2 does include laboratories that involve dissections.)</p>				

Earth Science				
Course #	Prerequisite	Credit	Grade Level	Course Length
405	Physical Science, Biology, Algebra I	1 credit	10-11-12	2 terms
<p>This course is a survey of topics within Environmental Science and Geology. Topics covered during the second or third term include plate tectonics, rocks and minerals, river processes, glaciations, and Earth history. Topics covered during the first or fourth term include ecosystems, water pollution and conservation, natural resources and global climate change. This is a laboratory science course that is designed to give you the background needed to analyze Earth related issues.</p>				

Conceptual Physics				
Course #	Prerequisite	Credit	Grade Level	Course Length
409	Physical Science and Algebra I	1 credit	9-10-11-12	2 terms
<p>Physics is the study of the interaction between objects. These objects may be as large as galaxies or as small as atoms and molecules. This course will emphasize the development of concepts and theories explaining the interactions of objects and how this understanding has affected history and technology. The intent of this course is to; introduce the student to the language and theories of Physics, provide training and practice in analytic reasoning and problem solving, demonstrate the relevance of Physics to life in our society, and serve as a basis for further studies in Physics. The lab portion is designed to provide training in the experimental and investigative techniques of these fields and to reinforce learning with concrete experiences.</p>				

Chemistry				
Course #	Prerequisite	Credit	Grade Level	Course Length
408	Algebra II and Conceptual Physics	1 credit	10-11-12	2 terms
<p>Chemistry is the study of atoms and molecules and how they interact. An understanding of the basic principles of physics is highly recommended and can be gained through Conceptual Physics. The intent of this course is to: introduce the student to the language and theories of chemistry; provide training and practice in analytical reasoning and problem solving; demonstrate the relevance of Chemistry to life in our society and serve as a basis for further studies in Chemistry. The lab portion is designed to provide training in the experimental and investigative techniques of this field and to reinforce learning with concrete experiences.</p>				

AP Chemistry				
Course #	Prerequisite	Credit	Grade Level	Course Length
411	Chemistry and Algebra II	1 ½ credit	11-12	3 terms
<p>This course is designed to provide the student with advanced (college freshman level) knowledge of Chemistry. The material will be presented with an added emphasis on the mathematical concepts and relationships presented in General Chemistry. The goals of this class are to provide a strong grasp of the fundamentals of Chemistry, develop a comfortable familiarity with the language and math of Chemistry and prepare the students for the AP Chemistry exam in April.</p>				

Honors Physics				
Course #	Prerequisite	Credit	Grade Level	Course Length
412	Conceptual Physics and Pre-Calculus/Trig.	1 credit	11-12	2 terms
<p>This course is intended to be an Algebra II-Trigonometry based physics class introducing curious students to Engineering oriented topics in Classical Mechanics and the curious realm of Modern Physics. During the Engineering/Classical Mechanics section, students will investigate: vectors and vector mechanics, rotation and torque, structure and stability, fluid dynamics and hydraulics, aerodynamics and the physics of flight. During the modern physics section students will investigate: atomic structure and early quantum mechanics (The Bohr Atom), radioactivity and nuclear physics, quantum mechanics (Schrödinger's Probability Waves: where the impossible becomes possible), subatomic particles (The Standard Model and String Theory), Einsteinian Relativity and Cosmology (Black Holes, the Expanding Universe and the Big Bang).</p>				

Advanced Biology				
Course #	Prerequisite	Credit	Grade Level	Course Length
414	Chemistry	1 credit	10-11-12	2 terms
<p>This course is an upper level biological lab class. It will provide students with the conceptual framework, factual knowledge, and analytical skills necessary to deal critically with the field of Biology. The main themes of the course will be Molecules and Cells (Chemistry of Life, Cells, and Cellular Energetics), Heredity and Evolution (Heredity, Molecular Genetics, and Evolutionary Biology), Organisms and Populations (Diversity of Organism, Structure and Function of Plants and Animals, Ecology). Therefore, students progress at an accelerated rate to cover topics normally covered in an entry level post-secondary biology course.</p>				

Anatomy and Physiology				
Course #	Prerequisite	Credit	Grade Level	Course Length
415	Biology and Chemistry	1 credit	11-12	2 terms
<p>This course is considered a high level elective science course. It will provide students with a comprehensive overview of the human organism across all levels of organization. Through a series of lectures, labs, class projects, videos, internet activities, dissections, and guest speakers, students will develop literacy related to human biology in health and disease.</p>				

AP Environmental Science				
Course #	Prerequisite	Credit	Grade Level	Course Length
416	Physical Science, Biology, and Algebra I	1 credit	10-11-12	2 terms
<p>This course offers a wide variety of subject matter similar to Earth Science and will be taught by emphasizing rigorous course content, scientific principles, laboratory analysis and sociological issues. A primary objective of this course is to offer students an experience that models and fulfills the requirements of a first year college laboratory science so that students will be able to free up time for other college courses. Students can receive college credit by taking and passing the AP exam or registering through Lakeland College for direct credit.</p>				

MATHEMATICS

Algebra I: Concepts and Skills				
Course #	Prerequisite	Credit	Grade Level	Course Length
501	Students will be placed in the appropriate Algebra course by their current math teacher	2 credits	9	4 terms
<p>The first semester will focus on variables and expressions, rational numbers, solving linear equations in one variable, using proportional reasoning, graphing relations and functions, analyzing linear equations in one variable, and solving linear inequalities. The second semester will focus on solving linear inequalities, solving systems of linear equations and inequalities, polynomials, exploring quadratic and exponential functions, exploring rational and radical expressions and equations. Geometric concepts, probability and statistics are integrated into the curriculum throughout the course.</p>				

Algebra I				
Course #	Prerequisite	Credit	Grade Level	Course Length
502	Students will be placed in the appropriate Algebra course by their current math teacher	1 credit	9-10	2 terms
<p>The primary difference between the two Algebra courses is the length of time. This course is covered in one semester. Algebra I uses a slightly more advanced textbook than the two credit Algebra I: Concepts and Skills.</p>				

Geometry				
Course #	Prerequisite	Credit	Grade Level	Course Length
504	Algebra I	1 credit	9-10	2 terms
<p>Geometry is a required course for college entrance at many universities. The emphasis is on plane Geometry, but some solid geometry is incorporated throughout, with the usual theorems, definitions, and postulates involving sets of points, lines, and planes. Inductive and deductive reasoning are integrated throughout this course, as are Algebraic skills. The major topics include parallelism, perpendicularity, congruency, similarity arcs and angles of circles, constructions, coordinate geometry, areas of polygons, and areas and volumes of solids. Geometer's sketchpad is also incorporated throughout the course.</p>				

Applied Topics in Mathematics (ATM)				
Course #	Prerequisite	Credit	Grade Level	Course Length
516	Algebra I, Geometry	1 credit	11-12	2 terms
<p>In this course, students will apply concepts from arithmetic, algebra, geometry, trigonometry, probability and statistics to solve problems. This course is comparable to "College Mathematics" offered at Blackhawk Technical College. Pending approval of Applied Topics in Mathematics by Blackhawk Technical College (BTC), students will earn three BTC math credits upon successful completion of ATM. These three credits are transferable to any Technical School in Wisconsin and many universities.</p>				

Algebra II				
Course #	Prerequisite	Credit	Grade Level	Course Length
505	Algebra I, Geometry	1 credit	9-10-11-12	2 terms
<p>Algebra II will review signed numbers and other basic topics from Algebra I and provide practice of these concepts as it develops more advanced topics to complete the study of beginning algebra. Many of the skills mastered during this course will provide the foundation necessary to complete more advanced math courses, chemistry and physics. <i>Note: A graphing calculator (TI-83 or higher) is recommended.</i></p>				

Discrete/Probability/Statistics				
Course #	Prerequisite	Credit	Grade Level	Course Length
506	Algebra I, Geometry, and Applied Topics in Math OR Algebra II	1 credit	10-11-12	2 terms
<p>This course explores problem situations where objects are counted. In addition to standard textbook activities, many of the topics are explored through a graphing calculator, computer, and lab activities. This course is an excellent preparation for anyone who is considering an area of study or a career that involves math, science, computers, engineering or business. Students are encouraged to take both Pre-Calculus and Discrete to prepare for AP Calculus. Discrete may be taken before, after or concurrently with Pre-Calculus or AP Calculus. <i>Note: A graphing calculator (TI-83 or higher) is recommended.</i></p>				

Pre-Calculus/Trigonometry				
Course #	Prerequisite	Credit	Grade Level	Course Length
507	Algebra I, Geometry, and Algebra II	1 credit	10-11-12	2 terms
<p>In this course, students will study advanced algebraic topics, function analysis, trigonometry, mathematical reasoning and problem solving. It is a required preparation for Calculus. <i>Note: A graphing calculator (TI-83 or higher) is recommended.</i></p>				

AP Calculus				
Course #	Prerequisite	Credit	Grade Level	Course Length
508	Algebra I, Geometry, Algebra II, and Pre-Calculus/Trigonometry	1 ½ credits	11-12	3 terms
<p>This course is comparable to the first semester of college calculus. It covers the AP Calculus AB curriculum. Students may choose to take the advanced placement test for college credit. <i>Note: A graphing calculator (TI-83 or higher) is recommended.</i></p>				

COMPUTER SCIENCE

Computer Programming I-Pascal				
Course #	Prerequisite	Credit	Grade Level	Course Length
553	Algebra I	1 credit	9-10-11-12	2 terms
<p>In this course, students will develop the ability to write computer programs in the Pascal language, will develop logical thinking processes and problem solving techniques, and will become familiar with the workings of a computer. It is recommended for anyone who enjoys computers or who is considering an area of study or a career which involves math, science, computers, information processing, or engineering.</p>				

Computer Programming II-C++				
Course #	Prerequisite	Credit	Grade Level	Course Length
555	Computer Programming I	½ credit	10-11-12	1 term
<p>In this course, students will expand their Pascal programming ability to write programs in C++, a language that is widely used in the computer industry. This course will emphasize problem-solving along with the syntax of the C++ language. It is recommended for anyone who enjoys computers or who is considering an area of study or a career which involves math, science, computers, information processing, or engineering. After successful completion of this course, students have the option to do independent studies for ½ elective credit in Advanced C++, Java, and Visual Basic.</p>				

FOREIGN LANGUAGE

Spanish I				
Course #	Prerequisite	Credit	Grade Level	Course Length
651	None	1 credit	9-10-11-12	2 terms
<p>Designed to introduce students to Spanish language and culture, Spanish I courses emphasize basic grammar and syntax, simple vocabulary, and the spoken accent so that students can read, write, speak, and understand the language at a basic level within predictable areas of need, using customary courtesies and conventions. Spanish culture is introduced through the customs, and history of Spanish-speaking people.</p>				

Spanish II				
Course #	Prerequisite	Credit	Grade Level	Course Length
652	Spanish I	1 credit	9-10-11-12	2 terms
<p>Spanish II courses build upon skills developed in Spanish I, extending students' ability to understand and express themselves in Spanish and increasing their vocabulary. Typically, students learn how to engage in discourse for informative or social purposes, write expressions or passages that show understanding of sentence construction and the rules of grammar, and comprehend the language when spoken slowly. Students usually explore the customs and history of Spanish-speaking people to deepen their understanding of the culture.</p>				

Spanish III				
Course #	Prerequisite	Credit	Grade Level	Course Length
653	Spanish II	1 credit	10-11-12	2 terms
<p>Spanish III courses focus on having students express increasingly complex concepts both verbally and in writing while showing some spontaneity. Comprehension goals for students may include attaining more facility and faster understanding when listening to the language spoken at normal rates, being able to paraphrase or summarize written passages, and conversing easily within limited situations.</p>				

Spanish IV				
Course #	Prerequisite	Credit	Grade Level	Course Length
654	Spanish III	1 credit	11-12	2 terms
<p>Spanish IV courses focus on advancing students' skills and abilities to read, write, speak, and understand the Spanish language so that they can maintain simple conversations with sufficient vocabulary and an acceptable accent, have sufficient comprehension to understand speech spoken at a normal pace, read uncomplicated but authentic prose, and write narratives that indicate a good understanding of grammar and a strong vocabulary.</p>				

Spanish V				
Course #	Prerequisite	Credit	Grade Level	Course Length
655	Spanish IV	1 credit	11-12	2 terms
Spanish V is designed for students who have completed four high school levels of Spanish. This class will focus on developing accuracy in the written communication skills. Building on their experience in previous Spanish classes students will study Spanish grammar at greater depth. Students enrolled in Spanish V class will analyze literary excerpts and use their discoveries as the basis for active class discussion, presentation and composition.				

TECHNOLOGY EDUCATION

DRAFTING-GRAPHIC COMMUNICATIONS

Technology Design and Application				
Course #	Prerequisite	Credit	Grade Level	Course Length
701	None	1 credit	9-10-11-12	2 terms
This course is a prerequisite for other Technology Education classes. Students' knowledge in reading a ruler, fraction/ decimal conversion, ratios, the metric system, will be strengthened in daily application of applied math. Students will participate in lessons involving content reading and technical writing. Students will also be introduced to the process of creating drawings using mechanical drafting equipment CAD (Computer Aided Drafting) software. Course content will include: Scope of Technology, Resources and Technology, Creating Technology, Technology contexts, Technology and Society. A passing grade of 'D' (65%) or better is needed in order to advance to the other Technology Education classes.				

Architectural Drafting-Structural Design				
Course #	Prerequisite	Credit	Grade Level	Course Length
703	Technology Design and Application	½ credit	10-11-12	1 term
Structural design will give the students the opportunity to produce a series of drawings using CAD (Computer Aided Drafting). By the end of the course the student will have completed and printed out a series of drawings that focus on the four major structural components of a small residential dwelling. Starting with the footings and foundations, the students will proceed through floor framing, wall framing and roof framing. Each set of drawings will contain a plan view, elevation views, isometric and detail drawings. Dimensions and notes will be added accordingly. After the completion of this class, students will have the opportunity to enroll in either Architectural-Residential Design or Engineering Drawing and Design. <i>Note: Architectural Drafting-Structural Design is a requirement for Building Trades.</i>				

Architectural Drafting-Residential Design				
Course #	Prerequisite	Credit	Grade Level	Course Length
704	Architectural Drafting-Structural Design	½ credit	11-12	1 term
<p>Architectural Drafting-Residential Design lets students create a dwelling from a given set of parameters using CAD. Students will be exposed to the basics of floor plan layout, "work triangles" used in calculating kitchen sizes, and the process of analyzing different floor plans to differentiate good designs from poor designs. The students can expect to complete the following drawings: floor plan, foundation plan, elevation view(s), plot plan, detailed kitchen plan, mechanical plan as well as a perspective view of their completed home.</p>				

Engineering Drawing & Design (3D Modeling)				
Course #	Prerequisite	Credit	Grade Level	Course Length
705	Architectural Drafting-Structural Design	½ credit	11-12	1 term
<p>Engineering drawing gives students a deeper exposure to CAD. Students will learn how to manipulate the CAD program in order to create drawings that are accurate and professional in appearance. Students will complete a series of single view drawings and isometric drawings as well as problems that explore the use of 3D modeling. Students will also be given the opportunity to develop an independent project that will correspond with their future plans in the field of Graphics, Architecture, or Engineering.</p> <p><i>Note: This is an Advanced Standing Course. It transfers into the technical college system in the State of Wisconsin with a grade of 'B' or higher. Please see instructor for details.</i></p>				

METALS AND MANUFACTURING

Principles of Welding				
Course #	Prerequisite	Credit	Grade Level	Course Length
706	Technology Design and Application	½ credit	9-10-11-12	1 term
<p>Principles of Welding is the study and application of various types of weld joints and welding techniques. This course deals with shop safety, arc and gas welding, pipe soldering, resistance welding, and gas and arc cutting. Different types of welding joints will be assigned with a written and manual exam after each chapter.</p> <p><i>Course fee: \$5.00</i></p>				

Techniques of Welding				
Course #	Prerequisite	Credit	Grade Level	Course Length
707	Principles of Welding	½ credit	10-11-12	1 term
<p>Techniques of Welding is the study of advanced methods of joining mild steel, stainless steel and non-ferrous metals in the flat, horizontal, and vertical positions. Basic blueprint welding symbols, gas tungsten arc welding, gas metal arc welding, and plasma cutting are also introduced. The student will be expected to complete a series of welds from the processes previously listed along with a manual and written exam after each chapter.</p> <p><i>Note: This is an Advanced Standing Course. It transfers into the technical college system in the State of Wisconsin with a grade of 'B' or higher. Please see instructor for details.</i></p> <p><i>Course fee: \$5.00</i></p>				

Metal Fabrication				
Course #	Prerequisite	Credit	Grade Level	Course Length
714	Technology Design and Application	½ credit	10-11-12	1 term
<p>This course is designed to prepare students for industry. They will become familiar with measurement tools, layout techniques, materials, and the processes used in industry today. It is a hands-on course that contains sheet metal measurement, layout, and common seams and joints. All students will be required to make a series of class projects along with a self guided project. Students will also be introduced to metal machining processes along with various metals and their properties.</p>				

ENERGY AND TRANSPORTATION

Internal Combustion Engines				
Course #	Prerequisite	Credit	Grade Level	Course Length
712	Technology Design and Application	½ credit	9-10-11-12	1 term
<p>This is the fundamental auto mechanics course in which the students will learn about the internal combustion engine. Small gas engines and automobile engines will be studied. Students will be exposed to lecture and laboratory work in such phases as two cycle, four cycle, and small diesel engine technology.</p>				

Power Mechanics				
Course #	Prerequisite	Credit	Grade Level	Course Length
713	Internal Combustion Engines	1 credit	10-11-12	2 terms
<p>This is the advanced course for students who have successfully completed the Internal Combustion Engines course and are interested in mechanics as a possible vocation. The class will include work in major tune ups, and systems of the automobile will be studied.</p>				

CONSTRUCTION TRADES

Machines-Lumbers and Processes				
Course #	Prerequisite	Credit	Grade Level	Course Length
717	Technology Design and Application	½ credit	9-10-11-12	1 term
<p>This course deals with the development of sound skills, techniques, and the safety procedures in the use of power tool equipment. Course content involves calculation of lumber products, classification of woods, application and processes of lumber, application of power mechanics and the introduction of building trades and American industry. A project will be required, with quality plans, bill of materials, and plan of procedures. This class is a prerequisite for Building Construction Trades.</p>				

Carpentry				
Course #	Prerequisite	Credit	Grade Level	Course Length
718	Machines-Lumbers and Processes	½ credit	10-11-12	1 term
<p>This is an introductory course that examines the many trades in the building industry. The trades that are covered include general contracting, rough carpentry, electrical, HVAC, drywall, plumbing, finish carpentry, siding, roofing, drafting, blue print reading, and building inspection. Machine and power tool safety will also be covered along with the OSHA guidelines for work site safety. This would be a beneficial course for those students wanting to enroll in 720 – Building Construction Trades or those looking to tackle small maintenance or repair projects around the house.</p>				

Building Construction Trades				
Course #	Prerequisite	Credit	Grade Level	Course Length
720	Machines-Lumbers, Architectural Drafting- Structural Design <u>Recommended:</u> Architectural-Residential Drafting, Carpentry	½ - 2 credits	11-12	1 term to 4 terms
<p>All prior course content lends itself to "hands on application" of building construction. This course of study deals with the knowledge and application of the building industry. Areas of course content involves planning, designing, expediting of building construction. "Hands-on" experience will involve excavation, concrete, framing, siding, roofing, plumbing, heating, electrical, and other related building applications. This is a 90 minute – full year class simulating the actual building trades industry, on the job training.</p>				

Principles of Technology				
Course #	Prerequisite	Credit	Grade Level	Course Length
725	Technical Design and Application <u>Recommended:</u> Algebra II and Physical Science	1 credit	10-11-12	2 terms
Principles of Technology is a course designed to prepare students for life after high school. Whether you plan to attend a technical college, four-year college, or enter the world of work; you will find this course very beneficial. Students will take a hands-on approach to learning about and solving problems in mechanical, fluid, electrical, and thermal systems. Activities that students will participate in may include designing and building a robotic arm, an AM radio, as well as designing and constructing original devices that harness the power of the four systems to complete various tasks.				

AGRISCIENCE

Exploring Agriscience				
Course #	Prerequisite	Credit	Grade Level	Course Length
751	None	½ credit	9-10-11	1 term
This course is recommended for incoming freshman to take and explore the possibilities! Where would you be without agriculture...unclothed and hungry! This hands-on class explores topics from all courses offered by the Agriscience Department. You'll have the opportunity to make ice cream and root beer, work with animals, fish, wildlife, plants in the greenhouse, landscaping outside, and learn about leadership opportunities in the FFA and agricultural careers. Are you ready to explore the possibilities?				

Greenhouse and Plant Science I				
Course #	Prerequisite	Credit	Grade Level	Course Length
752	None	½ credit	10-11-12	1 term
Growing flowering plants, starting plants from seed, transplanting and caring for a greenhouse full of plants are all a part of this fun class. Hands-on learning in a warm and sunny 30 x 60' greenhouse is where a majority of this course will take place. Hydroponics (growing plants in water) and plant science curriculum will also be taught. Students who wish to continue learning more about plants can take the Greenhouse and Plant Science II courses offered 4 th quarter where all these plants will be sold or planted in the Evansville community.				

Greenhouse and Plant Science II				
Course #	Prerequisite	Credit	Grade Level	Course Length
770	Greenhouse I	½ credit	11-12	1 term
Upon completion of this course, students will be trained to work directly in the plant and landscaping industry. Students will continue to grow annuals, perennials, and start vegetable seedlings while perfecting greenhouse management skills. The science of growing, identifying, planning, and marketing of products in the industry will be discussed. Students will continue learning hydroponics and plant science curriculum all while spending a majority of the class in the warm and sunny greenhouse!				

Introduction to Veterinary/Animal Science				
Course #	Prerequisite	Credit	Grade Level	Course Length
771	None	½ credit	9-10-11	1 term
This course is a prerequisite for Small Animal/Horse Science and Large Animal Science. The course is designed for students who are interested in a hands-on learning experience in basic veterinary science and working with animals. Proper care and handling of animals, safety, and learning about the anatomy and physiology will be the main topics covered in this course focusing on pets, horses, large animals, bird, and fish. Students wishing to further their knowledge are encouraged to take the Small Animal/Horse Science and Large Animal Science courses.				

Small Animal and Horse Science				
Course #	Prerequisite	Credit	Grade Level	Course Length
753	Introduction to Veterinary/Animal Science	½ credit	10-11-12	1 term
This course offers hands-on opportunities to care for all of the small animals in the Agriscience Department! Units on dogs, cats, horses, and popular small animals such as rabbits, birds, guinea pigs, hamsters, etc. will be covered. Students are even allowed to bring in their own pets to show the class! Students will also learn how to incubate and raise poultry in this class. A field trip to visit a kennel and horse operation will also be offered.				

Large Animal Science				
Course #	Prerequisite	Credit	Grade Level	Course Length
755	Introduction to Veterinary/Animal Science	½ credit	10-11-12	1 term
Dairy, beef, swine, and sheep will be featured in this production agriculture course. Field trips will be offered to see dairy and livestock operations and also learn how to judge animals. Careers, nutrition, raising, and marketing of animals will also be discussed.				

Wildlife, Fish and Natural Resources I				
Course #	Prerequisite	Credit	Grade Level	Course Length
756	None	½ credit	9-10-11	1 term
Wildlife and natural resource knowledge along with raising bluegill, tilapia, tropical, and saltwater fish are all opportunities presented in this hands-on course. Other projects include deer antler and pan fish taxidermy, GPS orienteering, learning about forestry and Wisconsin wildlife. Students can further their knowledge with Wildlife, Fish and Natural Resources II.				

Wildlife, Fish and Natural Resources II				
Course #	Prerequisite	Credit	Grade Level	Course Length
757	Wildlife I	½ credit	10-11-12	1 term
This course deals with major concerns affecting our environment and students will be able to work with nature! The forestry industry, deer hunting, waterfowl, and pollution will also be discussed. Hands-on projects such as raising fish in aquaculture systems and taxidermy of squirrels and other small mammals will be learned. Students will work with chainsaws and learn lifelong wildlife management skills.				

Landscape and Floral Design I				
Course #	Prerequisite	Credit	Grade Level	Course Length
759	None	½ credit	10-11-12	1 term
Multiple hands-on projects around Evansville will be completed during this class. Designing and implementing landscape plans, mulching, pruning, and planting of flowers, shrubs, and trees are a few skills that will be taught. Skills learned in this course will be very valuable to the future homeowner or employee.				

Landscape and Floral Design II				
Course #	Prerequisite	Credit	Grade Level	Course Length
773	Landscape I	½ credit	11-12	1 term
Using computer landscaping design programs and drafting equipment, students will design and draw landscape projects. Students will learn more about flowering plants, shrubs and trees and what works well in designing landscapes around Evansville. Designing, selecting, and purchasing of floral displays will also be covered and practiced in this course.				

Leadership Training				
Course #	Prerequisite	Credit	Grade Level	Course Length
761	Consent of instructor	½ credit	11-12	1 term
Leaders are not born, they are created! In this course, students will be exposed to a wide variety of leadership opportunities. Working with elementary students, The Food For America Program, PALS program, Ag in the Classroom, safety programs, parliamentary procedure training and training for public speaking contests are a few opportunities available in this course. The course builds upon the leadership opportunities offered through the FFA. Students will also create a resume and gain skills helpful for future jobs and opportunities. Dare to dream!				

Career and Technical Education Work Experience				
Course #	Prerequisite	Credit	Grade Level	Course Length
811	2 Agriscience classes, minimum GPA of 2.5	2-3 credits	12	4 terms
<p>As a 45 minute skinny class this course functions as the Senior "capstone" class. It serves as an opportunity for a workplace experience for those students interested in agriculture. Students typically attend school for half of the day and work the other half while receiving credit. Classroom topics include an exploration of the principles of supervision and leadership, appropriate workplace behavior, and job-seeking preparation. This class is taught in the Business Education Department and admission is by instructor approval from the agriscience teacher.</p>				

BUSINESS EDUCATION

Keyboarding I				
Course #	Prerequisite	Credit	Grade Level	Course Length
801	None	½ credit	9-10-11-12	1 term
<p>Students review the basic keyboarding skills necessary to successfully complete high school course work as well as succeed in the post high school educational and job market. Focus is on improving both speed and accuracy as well as proper formatting of letters, reports, tables, and term papers using Microsoft Word. Students who have completed 8th grade Computer Applications in the Evansville School system may move directly into Keyboarding II with instructor consent provided they have met the speed and accuracy requirements.</p>				

Web 2.0				
Course #	Prerequisite	Credit	Grade Level	Course Length
802	None	½ credit	9-10-11-12	1 term
<p>This course focuses attention on actual web applications by developing projects utilizing Web 2.0 tools such as Blogs, Wikis, Glogster, RSS feeds, basic web site creation software, and others. Students will also develop e-portfolios and electronic resumes (useful for college applications, work place applications, and senior exit projects) during this course. Two abstracts will be required.</p> <p>As time allows, students will briefly review keyboarding techniques with the Micro Type program. Alphabet, numbers, symbols, and numeric keypad skills will be refreshed.</p> <p><i>Note: This course is recommended for Business Career and Technical Education Work Experience.</i></p>				

Marketing				
Course #	Prerequisite	Credit	Grade Level	Course Length
805	None	1 credit	10-11-12	2 terms
Explore topics such as salesmanship, retailing, promotion, product development, careers, economic systems, international business, buying, pricing, market research, sports marketing, and fashion. Marketing will be supplemented with work and management experience in the School Store.				

Personal Finance				
Course #	Prerequisite	Credit	Grade Level	Course Length
807	None	½ credit	10-11-12	1 term
This course prepares students for financial success throughout life. Units include: Goal Setting, Careers, Taxes, Budgeting and Financial Records, Checking Accounts and Bank Services, Saving and Investing, Credit and Insurance. Students will also complete an online investing simulation, career interest surveys and testing, and manage a checking account. The primary resources for this class are The National Endowment for Financial Education's (NEFE) High School Financial Planning Program, various newspapers and guest speakers. <i>Note: This is a required course beginning with the class of 2014. It is highly recommended for all high school students by the Wisconsin Department of Public Instruction.</i>				

Accounting I				
Course #	Prerequisite	Credit	Grade Level	Course Length
808	None	1 credit	10-11-12	2 terms
This course is meant to be an introduction to the lucrative world of accounting and highly recommended for anyone interested in any business field including owning their own business or pursuing further academic study in business related subject matter. It is a required course for anyone planning to enroll in the Business portion of the Business/Marketing Work Experience course their senior year. Students will complete the accounting cycle and learn to maintain all financial records for sole proprietorships and merchandising businesses organized as corporations. Coursework will utilize both manual and automated accounting as well as a semester long project based on "The Apprentice". <i>Note: This is an Advanced Standing course. It transfers into the technical college system in the State of Wisconsin, if the grade each quarter is a 'B' or higher, as Office Accounting 101-102(a one semester course for 3 credits).</i>				

CAPP Accounting II				
Course #	Prerequisite	Credit	Grade Level	Course Length
809	Accounting I	1 credit	11-12	2 terms
<p>This course is meant to be a continuation of study into the lucrative world of accounting. It is highly recommended for anyone interested in any business field including owning their own business or pursuing further academic study in business related subject matter. In addition to the textbook, <u>Century 21 Advanced Accounting 8th Edition</u>, we will also be utilizing, <u>Century 21 Advanced Accounting, Chapters 1-24 Working Papers APLIA online</u>, Excel spreadsheets, automated accounting software, a semester long project entitled "Creating the Band", various speakers, and other resources deemed necessary to give students as many real world application opportunities as possible. Students will also create a financial report for the school district.</p> <p><i>Note: This course is certified through the College Advanced Placement Program allowing students to begin their college coursework while still enrolled in high school. In lieu of an AP exam, students will be simultaneously enrolled in a 3 credit college course entitled ACC210 Financial Accounting Principles (a required course for any type of Business major in college including Accounting) at Lakeland College. The grade students earn in Accounting II will be transferred to their college transcript. These college credits are then able to be transferred to any accredited college or university. The cost for the college credits is \$300.00 (well below market rate). Students do not have to pay an AP exam fee. Students may take the course and not receive college credit if they so choose.</i></p>				

Business Law				
Course #	Prerequisite	Credit	Grade Level	Course Length
814	English 10	½ credit	11-12	1 term
<p>The business law course will prepare students to understand the basic legal role of citizens, consumers, employees, and organizations. Students will brief decided cases, analyze various constitutions, and explore topics such as the foundation of common law, the Uniform Commercial Code, court systems and procedures, contracts, legal rights and responsibilities, property, and forms of business ownership.</p> <p><i>Note: This class provides Advanced Standing into the WI technical college system.</i></p>				

Business Principles				
Course #	Prerequisite	Credit	Grade Level	Course Length
815	None	½ credit	9-10-11	1 term
<p>Students will be introduced to a variety of business concepts related to the real world of business. Topics include business economics, management, consumer economics, business finance, business law, accounting, and word processing.</p>				

International Business				
Course #	Prerequisite	Credit	Grade Level	Course Length
817	None	½ credit	10-11-12	1 term
<p>According to the Wisconsin Department of Public Instruction “businesses are taking on a global focus and workers must be able to participate in both domestic and international environments in order to succeed. Therefore, students need to be able to work in a variety of business and office settings.” This course is meant to provide students with the opportunity to expand their horizons beyond Evansville’s borders to learn about cultures and value systems differing from their own and how they interact together on the world’s stage. In addition to the textbook, <u>International Business</u> by Dlabay & Scott from Thomson Southwestern, we will complete a quarter long project which utilizes “The Amazing Race” television series, the documentary “Balseros”, as well as lessons from “Focus: globalization” and “Thinking Globally 2.0” (both from the National Council on Economic Education).</p>				

Career and Technical Education Work Experience				
Course #	Prerequisite	Credit	Grade Level	Course Length
811	Minimum GPA of 2.5 (Subject specific)	2-3 credits	12	4 terms
<p>This class is intended to be inclusive of all subject areas in the Career and Technical Education Department and functions as the “capstone” class for a number of them. It serves as an opportunity for a workplace experience for those interested in careers (immediately after high school or after further schooling) in the areas of business, marketing, family and consumer education (including childcare), agriculture and technology. Students typically attend school for half of the day and work the other half. Classroom topics include an exploration of the principles of supervision and leadership, appropriate workplace behavior, and job-seeking preparation. Prerequisites, while subject specific, are at least a 2.5 GPA and an acceptable attendance record. This class is taught by Business Education, but admission is by instructor approval in the individual subject areas. In general, access to this course requires proven competency in the coursework of the specific subject area, as determined by that instructor. All registrants must also provide 3 references (both academic and personal) to participate in the program.</p>				

Technology Internship				
Course #	Prerequisite	Credit	Grade Level	Course Length
560	Consent of instructor	½ credit	9-10-11-12	1 term
<p>Students will apply as they would for a job (teacher recommendations, interview). The technology intern must be a self-starter. Students will work throughout the school district on projects as assigned by the Technology Manager or a member of the Technology Staff. Website construction and hardware/software troubleshooting are examples of intern responsibilities. A weekly meeting with the Technology Manager or a member of the Technology Staff will occur to receive assignments and feedback.</p>				

FAMILY AND CONSUMER SCIENCE

Foods I				
Course #	Prerequisite	Credit	Grade Level	Course Length
855	None	½ credit	9-10-11-12	1 term
<p>Foods I is a basic food course designed to explore the many aspects of food, ranging from personal food choices to a world wide look at current food trends. The course centers on a healthful selection of food based on sound nutrition information and basic consumer knowledge. Major emphasis on the food guide pyramid and the six essential nutrients. Basic food preparation techniques are taught in the lab setting.</p> <p><i>Course fee: \$10.00</i></p>				

Foods II				
Course #	Prerequisite	Credit	Grade Level	Course Length
856	Foods I or Senior Standing	½ credit	10-11-12	1 term
<p>This course builds on the basic concepts explored in Foods I. There is a major emphasis on specific food preparation skills including soups and sauces, eggs, yeast and quick breads, fruits and vegetables, pasta, rice and salads. Family meal management and consumer decision making related to purchasing, storing, and preparing food is stressed throughout the course. Food related careers are also explored.</p> <p><i>Course fee: \$10.00</i></p>				

Child Development				
Course #	Prerequisite	Credit	Grade Level	Course Length
858	None	½ credit	10-11-12	1 term
<p>The Child Development course revolves around the child and the responsibilities of the family for the growth and development of healthy children. This course will include information related to readiness for parenting, pregnancy, prenatal care, changes necessary when children become part of a family, and meeting the needs of a newborn. The four areas of child development will be explored (physical, intellectual, social, and emotional). Learning and play activities will be planned for preschool age children and observations of the developmental stages will be recorded during weekly observations at local childcare centers.</p>				

Family Living				
Course #	Prerequisite	Credit	Grade Level	Course Length
859	None	½ credit	11-12	1 term
<p>Family Living is a course designed to help students develop lifetime skills in accepting responsibility for self, family, friends, and community. This course is for the individual who may one day become a spouse, parent, teacher, lawyer, nurse, doctor, or other human service worker. The course includes understanding and practicing family orientated skills including critical thinking, decision making, value judgments, and self-understanding that will help with relationships, both inside and outside the family, both now and in the future. Open discussion with class members as well as with others will be emphasized. Family Living will include, but not be limited to, discussions on improving communication, conflict resolution, handling decisions and problems, managing goals and resources, handling crisis, dating relationships, love, sexuality, lifestyles, marriage, pregnancy, parenting, the role of the family, and work and the family.</p>				

Child Development II				
Course #	Prerequisite	Credit	Grade Level	Course Length
861	Child Development	½ credit	11-12	1 term
<p>This hands-on course prepares students for potential careers in the child care industry or for professional or technical careers involving children. Course content focuses on interacting with children and exploring the classroom environment. Students will gain first-hand experience in working with children through 10 hours of child care observations at local centers.</p>				

Introduction to Health Occupations				
Course #	Prerequisite	Credit	Grade Level	Course Length
866	None	½ credit	10-11-12	1 term
<p>Students will have the opportunity to earn college credit while gaining skills expected of all health care workers. Students will explore various health care settings and academic programs. This course targets students at the career-entry and technical levels and provides them with a foundation for subsequent career choices. Students will explore strategies for effectively dealing with the academic rigors and expectations of post-secondary health care programs.</p>				

ART

Basic Design				
Course #	Prerequisite	Credit	Grade Level	Course Length
901	None	½ credit	9-10-11-12	1 term
<p>This course emphasizes the elements and principals of design that are fundamental to both the visual fine arts and areas of applied design such as architecture, commercial art and computer graphics. Creative problem solving and the design process will be stressed as students work with a variety of two and three-dimensional art materials. Our art and design heritage will be introduced through the study of significant artists and designers, styles of art and design-related careers. Sketchbooks and portfolios may be required by the teacher.</p>				

Drawing & Painting I				
Course #	Prerequisite	Credit	Grade Level	Course Length
902	Basic Design	½ credit	9-10-11-12	1 term
<p>Students in Drawing and Painting I will develop skills, techniques, and concepts that relate to design composition and expression. Students will have the opportunity to experience the creative language, materials, and processes of art, as well as the elements and principles of design. Students will be introduced to media such as charcoal, pastels, watercolor, pencils, colored pencils, oil pastels, acrylic paint, and oil paint.</p>				

Drawing & Painting II				
Course #	Prerequisite	Credit	Grade Level	Course Length
904	Drawing & Painting I	½ credit	10-11-12	1 term
<p>Drawing & Painting II offers students an opportunity to explore the elements of art using drawing and painting mediums such as charcoal, pastels, watercolor, pencils, colored pencils, oil pastels, acrylic paint, and oil paint. Students will use knowledge from Drawing & Painting I to improve their artistic skills and develop a more personal and expressive approach to visual communication.</p>				

Drawing & Painting III				
Course #	Prerequisite	Credit	Grade Level	Course Length
905	Drawing & Painting II	½ credit	10-11-12	1 term
<p>Drawing & Painting III will offer students the opportunity to explore the elements of art in a variety of painting and drawing techniques and mediums in a 2-dimensional format. Students will use their knowledge from Drawing & Painting I to improve their artistic skills and develop a more personal and expressive approach to visual communication.</p>				

Sculpture I				
Course #	Prerequisite	Credit	Grade Level	Course Length
906	Basic Design	½ credit	9-10-11-12	1 term
This class will offer students an opportunity to explore the elements of art in a variety of 3-dimensional techniques and media. The student will explore sculptural techniques in media such as plaster, paper-mache, and clay.				

Ceramics I				
Course #	Prerequisite	Credit	Grade Level	Course Length
907	Basic Design	½ credit	9-10-11-12	1 term
This class will offer students an opportunity to explore the elements of art in a variety of 3-dimensional techniques using clay. The student will explore sculptural techniques that include hand building and wheel throwing.				

Ceramics II or Sculpture II				
Course #	Prerequisite	Credit	Grade Level	Course Length
908	Ceramics I or Sculpture I	½ credit	9-10-11-12	1 term
This class is designed for art students who are interested in expanding their artistic knowledge in sculpture or ceramics. Sculpture II students will continue to explore various media and techniques while building upon previous artistic knowledge. Students in Ceramics II will continue to explore the elements of art in a variety of 3-dimensional techniques using clay.				

Jewelry and Metalwork I				
Course #	Prerequisite	Credit	Grade Level	Course Length
911	Basic Design	½ credit	10-11-12	1 term
Emphasis will be placed on the basic design of jewelry as well as the understanding of planning, patterning, tools and techniques to make jewelry for body adornment and small scale sculpture. This class format is based in lectures and demonstrations with emphasis on lab skills for the working of copper and brass including: soldering, riveting, sawing, and bending. <i>Note: Students will be expected to supply or purchase some additional materials.</i>				

Jewelry and Metalwork II				
Course #	Prerequisite	Credit	Grade Level	Course Length
912	Jewelry and Metalwork I	½ credit	10-11-12	1 term
The emphasis of this course will be on the design and construction of jewelry and metal sculpture. Casting and copper enameling techniques will also be added as advanced techniques relating to their metal craft. Self-directed projects will challenge students in designing and problem-solving based on skills learned in Basic Jewelry class. <i>Note: Some materials and supplies will be provided by students.</i>				

Crafts and Glass				
Course #	Prerequisite	Credit	Grade Level	Course Length
914	Basic Design	½ credit	9-10-11-12	1 term
This class focuses on an understanding of craft techniques from historical, contemporary, and cultural perspectives. Students will explore a variety of media such as metals, paper, wood, clay, fibers and special emphasis on hot and warm glasswork. Design concepts will be applied to processes such as weaving, batik, stained glass, fused glass, tin craft, paper-making, basketry and pottery. Students may be required to provide some of the materials and tools for this class.				

Photography				
Course #	Prerequisite	Credit	Grade Level	Course Length
915	Basic Design	½ credit	10-11-12	1 term
Students will be required to supply a 35mm SLR manual focus camera. Understanding the functions of the camera and its use as a recorder and means of self expression will be taught. Students will learn the skills and techniques for dark room developing and printing of black and white photos. Evaluation is through daily progress and a completed portfolio of photographs showing cumulative work throughout the quarter.				

Computer Graphics I				
Course #	Prerequisite	Credit	Grade Level	Course Length
924	Basic Design	½ credit	10-11-12	1 term
Students will be introduced to programs such as Illustrator, Photoshop, I-Movie, and Comic Life to create original works of art in a digital format. Students will learn how to transfer digital images from a camera onto the computer for artistic manipulation. <i>Note: The ability to access a digital camera would be a benefit for this class.</i>				

Stage Design				
Course #	Prerequisite	Credit	Grade Level	Course Length
925	Basic Design, Drama Seminar, or theater experience as approved by instructor	½ credit	9-10-11-12	1 term <i>3rd term only</i>
The class consists of nine weeks of stage design theory including lighting, building of the stage and basic stage dressing techniques. Stage construction in relation to one-act, full-length, and musical productions will be studied. Students will gain hands-on experience building sets, lighting, dressing the stage and making props for the Spring Musical. The course will include hands-on construction and painting experiences as well as working as a team. <i>Note: Class expectations may require after school work.</i>				

Computer Graphics II				
Course #	Prerequisite	Credit	Grade Level	Course Length
926	Computer Graphics I	½ credit	10-11-12	1 term
<p>Students will be introduced to programs such as Illustrator and Photoshop to create original works of art in a digital format. Students will learn how to transfer digital images from a camera onto the computer for artistic manipulation.</p> <p><i>Note: The ability to access a digital camera would be a benefit for this class.</i></p>				

Digital Publication				
Course #	Prerequisite	Credit	Grade Level	Course Length
930	None (Computer Graphics and/or Photography are beneficial)	½ credit	9-10-11-12	2 terms
<p>Offered as a skinny, the students in this course will have the opportunity to learn skills of assembling a published book including theme generation, layout design using Adobe's InDesign program, implementing type as a graphic element, understanding photographic composition, manipulating photos in Photoshop for placement in the book, and writing as a journalist to document school events. The production of a yearbook as a business is also focused on involving marketing, bookkeeping, advertising, sales, and distribution. Students may enroll in this course for multiple years and those who are proficient are considered for yearbook editorial staff.</p>				

MUSIC

Chamber Choir				
Course #	Prerequisite	Credit	Grade Level	Course Length
963	None	1 credit	9-10-11-12	4 terms
<p>Chamber Choir is designed for all students who have a desire and willingness to sing. No prior experience is required. Students will expand their musical knowledge through singing and learning about music from other styles and cultures. Students will be required to bring a positive attitude and a willingness to sing, to attend group lessons and participate in all concerts and performances. Class meets daily Monday-Friday.</p>				

Concert Choir				
Course #	Prerequisite	Credit	Grade Level	Course Length
964	Audition only	1 credit	9-10-11-12	4 terms
Concert Choir is designed for the advanced musician through an audition process. This choir pursues advanced musical repertoire from all styles and cultures. Concert Choir is designed for the advanced singer. Students are encouraged to become creative, intelligent musicians. Advanced choral concepts are developed. Students will be required to attend group voice lessons and participate in all concerts and performances. Class meets daily Monday-Friday.				

Treble Choir				
Course #	Prerequisite	Credit	Grade Level	Course Length
965	Audition only	1 credit	9-10-11-12	4 terms
Treble Choir is a performance class open by audition to students who can sing Alto, Soprano I, or Soprano II. Students will expand their musical knowledge through singing and learning about music from many styles and cultures. Treble Choir will challenge the student to become a more advanced performer and musician. Students will be required to attend group voice lessons and participate in all concerts and performances. Students will present a research project. Audition is required. Class will meet daily for the second semester in a 90 minute block.				

Symphonic Band				
Course #	Prerequisite	Credit	Grade Level	Course Length
971	Middle School Band	1 credit	9-10-11-12	4 terms
Band is a year-long class. As part of the course of study students electing this ensemble are expected to participate in several types of music experiences including: marching, concert, and pep. Fundamentals and techniques catering to this ensemble include history, vocabulary, and musicianship which will be studied and applied. Students will be assisted in developing instrumental techniques/skills during daily rehearsals and required individual or group lessons. Attendance at all concerts and performances is required.				

Wind Ensemble				
Course #	Prerequisite	Credit	Grade Level	Course Length
972	Audition only	1 credit	9-10-11-12	4 terms
Band is a year-long class. Wind Ensemble is designed for the advanced musicians through an audition process. As part of the course of study students electing this course are expected to participate in several types of musical experiences including: marching, concert, and pep. Advanced fundamentals and techniques including history, vocabulary and musicianship will be studied and applied. Students will be assisted in developing advanced instrumental techniques/skills during daily rehearsals and required individual or group lessons. Attendance at all concerts and performances is required.				

Music Theory I				
Course #	Prerequisite	Credit	Grade Level	Course Length
973	Consent of instructor	½ credit	11-12	1 term
This course is a non-performance class for music students interested in learning more in depth knowledge of the technical aspects of music. Theory technique covered will include chords, scales, melody, harmony, rhythm notation, and analysis. Compositional skills using MAC Finale will be utilized. Basic piano skills will be taught.				

Music Theory II				
Course #	Prerequisite	Credit	Grade Level	Course Length
974	Music Theory I and consent of instructor	½ credit	11-12	1 term
This course continues where Music Theory I left off. Compositional tools will play a more significant role in the class. Topics of study include: Melodic Development, Seventh Chords, Voice Leading, and Harmonic/Rhythmic Progression.				

4 - YEAR PLAN WORKSHEET

STUDENT INFORMATION

Name:

Graduation Year:

My Career Goal:

My Favorite Career Clusters/ Pathways:

My Future Plan (Check one):

- Attend a Job Training Program or one year Technical College program
- Attend a two-year Technical College
- Attend a four-year College or University
- Join the Military
- Enter the workforce with no further education after high school
- Undecided

FRESHMAN

<i>Course Title</i>	<i>Course Number</i>	<i>Credit</i>
Required Courses:		
Physical Education I	101	½
Civics & Society	300	1
English 9/Pre-AP	206/	1
English 9	207	

Math Course:

Science Course:

Other Courses:

Total Credits:

SOPHOMORE

<i>Course Title</i>	<i>Course Number</i>	<i>Credit</i>
Required Courses:		
Physical Education		½
Health	140	½
English 10/Pre-AP	217/	1
English 10	216	
World History	303	1

Math Course:

Science Course:

Other Courses:

Total Credits:

JUNIOR

<i>Course Title</i>	<i>Course Number</i>	<i>Credit</i>
Required Courses:		
Physical Education		½
U.S. History	301	1

Other Courses:

Total Credits:

SENIOR

<i>Course Title</i>	<i>Course Number</i>	<i>Credit</i>
Required Courses:		
Economics	315	1/2

Senior English Course:

Other Courses:

Total Credits: